



This Service Information bulletin supersedes SI 34 01 13 **dated May 2014**.

**NEW** designates changes to this revision

#### SUBJECT

**Erroneous "Service due" Message Although Brake Lining Thickness is Above Minimum Specification**

#### MODEL

R55

R56

R57

Produced from 8/10 through 6/13

R58

R59

R60

**NEW** R61

Produced from SOP through 6/13

All vehicles with single-level brake pad wear sensor listed above

#### SITUATION

The yellow "Service Due" warning message lights up in the instrument cluster, even though the brake pad thickness is more than 4.2mm (above the thickness at which the pad sensor intervenes). The calculated remaining service life for the brake pads (front and/or rear axle) from the CBS data does not match the actual brake pad thickness.

#### CAUSE

Software calculation of the brake pad wear model in the DSC

#### CORRECTION

Run vehicle diagnostics with ISTA/D and work through the corresponding test modules.

If there are no faults found (this must be resolved first), update the vehicle software using ISTA/P 2.51.0 or a more recent version.

- New Integration Level: R056-13-11-500

Programming must be started under the conversion menu item "Brake pad correction CBS conversion."

After programming, the vehicle CBS data must be corrected as follows:

Using ISTA, perform vehicle CBS data correction.

In the diagnostic menu item “Front/rear brake”, select “Reset forecast to 50,000 km” and reset the forecast distance.

Check the remaining brake pad thickness using special tool 34 1 260.

In the diagnostic menu item “Front/rear brake,” select “Set availability, enter the brake pad thickness” and enter the pad thickness measured in mm.

#### WARRANTY INFORMATION

Covered under the terms of the MINI New Passenger Car Limited Warranty or the MINI NEXT Certified Pre-Owned Limited Warranty.

<b>Defect Code:</b>	<b>62 13 90 18 00</b>
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#### Main Work

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 61 073	Refer to KSD2	Vehicles with the correct integration level or higher. Check brake pad thickness and perform Service Function - pad correction procedure (includes charging the battery)
<b>NEW</b> Or:		
00 61 074	Refer to KSD2	Programming/encoding control unit(s) (not including CAS). Check brake pad thickness and perform Service Function - pad correction procedure (includes a vehicle test and charging the battery)
<b>NEW</b> Or:		
00 61 075	Refer to KSD2	Programming/encoding control unit(s) (with CAS). Check brake pad thickness and perform Service Function - pad correction procedure (includes a vehicle test and charging the battery)

The labor operation codes above are Main labor operations. If you are using a Main labor code for another repair, use the appropriate Plus code labor operation below.

#### Plus Work (Vehicle Already in the Workshop)

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 61 742	Refer to KSD2	Vehicles with the correct integration level or higher. Check brake pad thickness and perform Service Function - pad correction procedure (includes charging the battery)
<b>NEW</b> Or:		
		Programming/encoding control unit(s) (not including CAS). Check brake pad

00 61 743	Refer to KSD2	thickness and perform Service Function - pad correction procedure (includes a vehicle test and charging the battery)
<b>NEW</b> Or:		
00 61 744	Refer to KSD2	Programming/encoding control unit(s) (with CAS). Check brake pad thickness and perform Service Function - pad correction procedure (includes a vehicle test and charging the battery)

Refer to KSD2 for the corresponding flat rate unit (FRU) allowance. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the “Search” button, and then enter the applicable flat rate labor operation in the FR code field.

**NEW** If a vehicle control module or component was working properly and/or had no related faults stored prior to vehicle programming and it fails to program correctly and/or requires initialization, this additional work must be claimed with separate labor operations under the defect code listed above; refer to KSD2.

**NEW** Repairs to address control modules and/or components with pre-existing conditions are not eligible to be claimed under the defect code listed in this bulletin.

### Other Repairs

If performing other ISTA diagnostics and the related test plans results with **eligible and covered work**, claim this work with the applicable defect code and labor operations listed in KSD2.

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